




CASE D0072 NP

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Stephen C. D'Amico
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1-19-05
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Art Unit: 1652

JACKSON ET AL.

Examiner: SWOPE, SHERIDAN

APPLICATION NO: 10/029,345

FILED: DECEMBER 20, 2001

FOR: POLYNUCLEOTIDES ENCODING THE NOVEL HUMAN
PHOSPHATASE, RET31, AND VARIANTS THEREOF

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FEE LETTER FOR INFORMATION DISCLOSURE STATEMENT


Sir:

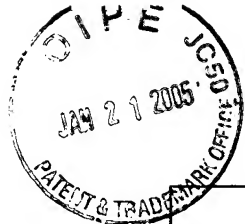
Please charge Deposit Account No. 19-3880 in the name of Bristol-Myers Squibb Company in the amount of \$180 for payment of the fee pursuant to 37 CFR §1.17(p) for the submission of an Information Disclosure Statement under 37 CFR §1.97(c).

An additional copy of this paper is here enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 19-3880 in the name of Bristol-Myers Squibb Company.

Respectfully submitted,

Bristol-Myers Squibb Company
Patent Department
P.O. Box 4000
Princeton, NJ 08543-4000
(609) 252-5289
Date: 1-19-05


Stephen C. D'Amico
Agent for Applicants
Reg. No. 46,652.



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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is being filed in accordance with 37 C.F.R. §1.97(c).
A letter for payment of fee set forth in 37 C.F.R. §1.17(p) is enclosed.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.


Copies of these references are enclosed herewith.

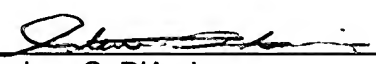
01/25/2005 SSANDARA 00000009 193880 10029345

01 FC:1806 180.00 DA

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,


Bristol-Myers Squibb Company
Patent Department
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Stephen C. D'Amico
Agent for Applicants
Reg. No. 46,652

Date: 1-17-25

FORM PTO-1449
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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Use several sheets if necessary

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,849.902	12/15/98	Arrow, et al.			
	AB	6,664,089 B2	12/16/03	Meyers, R.A.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Altschul, et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Res., Vol. 25(17), pp. 3389-3402 (1997)
	AS	Altschul, et al., "Basic Local Alignment Search Tool", J. Mol. Biol., Vol. 215, pp. 403-410 (1990)
	AT	Arfin, et al., "Eukaryotic methionyl aminopeptidases: Two classes of cobalt-dependent enzymes", PNAS, Vol. 92, pp. 7714-7718 (1995)

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2AK	Charbonneau, et al., "The leukocyte common antigen (CD45): A putative receptor-linked protein tyrosine phosphatase", PNAS, Vol. 85, pp. 7182-7186 (1988)
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3AH	Frohman, et al., "Rapid production of full-length cDNAs from rare transcripts: Amplification using a single gene-specific oligonucleotide primer", PNAS, Vol. 85, pp. 8998-9002 (1988)
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3AL	Goodford, P.J., "A Computational Procedure for Determining Energetically Favorable Binding Sites on Biologically Important Macromolecules", J. Med. Chem., Vol. 28, pp. 849-857 (1985)
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3AN	Gu, et al., "Identification, cloning, and expression of a cytosolic megakaryocyte protein-tyrosine-phosphatase with sequence homology to cytoskeletal protein 4.1", PNAS, Vol. 88, pp. 5867-5871 (1991)

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4AE	Herlaar, et al., "p38 MAPK signaling cascades in inflammatory disease", Molec. Med. Today, Vol. 5, pp. 439-447 (1999)
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4AK	Kaplan, et al., "Cloning of three human tyrosine phosphatases reveals a multigene family of receptor-linked protein-tyrosine-phosphatases expressed in brain", PNAS, Vol. 87, pp. 7000-7004 (1990)
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4AN	Kendall, et al., "Isolation and Characterization of the Methionine Aminopeptidase from Porcine Liver Responsible for the Co-translational Processing of Proteins", JBC, Vol. 267(29), pp. 20667-20673 (1992)

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5AH	Lesk, et al., "Homology modeling: inferences from tables of aligned sequences", Curr. Opin. Struc. Biol., Vol. 2, pp. 242-247 (1992)
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5AJ	Li, et al., "Amino-terminal protein processing in <i>Saccharomyces cerevisiae</i> is an essential function that requires two distinct methionine aminopeptidases", PNAS, Vol. 92, pp. 12357-12361 (1995)
5AK	Lin, et al., "β-Catenin, a novel prognostic marker for breast cancer: Its roles in cyclin D1 expression and cancer progression", PNAS, Vol. 97(8), pp. 4262-4266 (2000)
5AL	Lombroso, et al., "Molecular characterization of a protein-tyrosine-phosphatase enriched in striatum", PNAS, Vol. 88, pp. 7242-7246 (1991)
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6AA	Michaelson, et al., "β-catenin is a downstream effector of Wnt-mediated tumorigenesis in the mammary gland", <i>Oncogene</i> , Vol. 20, pp. 5093-5099 (2001)
6AB	Martin, Yvonne C., "3D Database Searching in Drug Design", <i>J. Med. Chem.</i> , Vol. 35(12), pp. 2145-2154 (1992)
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6AE	Musgrove, et al., "Cyclins and Breast Cancer", <i>J. Mammary Gland Biology Neoplasia</i> , Vol. 1(2), pp. 153-162 (1996)
6AF	Mustelin, et al., "Rapid activation of the T-cell tyrosine protein kinase pp 56 ^{lck} by the CD45 phosphotyrosine phosphatase", <i>PNAS</i> , Vol. 86, pp. 6302-6306 (1989)
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6AJ	Novotny, et al., "Criteria That Discriminate Between Native Proteins and Incorrectly Folded Models", <i>Proteins</i> , Vol. 4, pp. 19-30 (1988)
6AK	Nurse, Paul, "Universal control mechanism regulating onset of M-phase", <i>Nature</i> , Vol. 344, pp. 503-508 (1990)
6AL	Ohagi, et al., "Sequence of a cDNA encoding human LRP (leukocyte common antigen-related peptide)", <i>Nucleic Acids Res.</i> , Vol. 18(23), pp. 7159 (1990)
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6AN	Pearson, William R., "Rapid and Sensitive Sequence Comparison with FASTP and FASTA", <i>Methods in Enzymol.</i> , Vol. 183, pp. 63-98 (1990)

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7AA	Ralph, et al., "Structural variants of human T200 glycoprotein (leukocyte-common antigen)", EMBO J., Vol. 6(5), 1251-1257 (1987)
7AB	Sap, et al., "Cloning and expression of a widely expressed receptor tyrosine phosphatase", PNAS, Vol. 87, pp. 6112-6116 (1990)
7AC	Schaefer, Brian C., "Revolutions in Rapid Amplification of cDNA Ends: New Strategies for Polymerase Chain Reaction Cloning of Full-Length cDNA Ends", Anal. Biochem., Vol. 227, pp. 255-273 (1995)
7AD	Seidman, et al., "The Role of ERK 1/2 and p38 MAP-Kinase Pathways in Taxol-Induced Apoptosis in Human Ovarian Carcinoma Cells", Experimental Cell Res., Vol. 268, pp. 84-92 (2001)
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8AA	Tsai, et al., "Isolation and Characterization of Temperature-sensitive and Thermostable Mutants of the Human Receptor-like Protein Tyrosine Phosphatase LAR", JBC, Vol. 266(16), pp. 10534-10543 (1991)
8AB	Ullrich, et al., "Signal Transduction by Receptors with Tyrosine Kinase Activity", Cell, Vol. 61, pp. 203-212 (1990)
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8AD	Weaver, et al., "CD8 ⁺ T-Cell Clones Deficient In the Expression of the CD45 Protein Tyrosine Phosphatase Have Impaired Responses to T-Cell Receptor Stimuli", Molec. Cell. Biol., Vol. 11(9), pp. 4415-4422 (1991)
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8AF	Yi, et al., "Protein Tyrosine Phosphatase Containing SH2 Domains: Characterization, Preferential Expression in Hematopoietic Cells, and Localization to Human Chromosome 12p12-p13", Molec. Cell. Biol., Vol. 12(2), pp. 836-846 (1992)
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